

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (*Currently Amended*) A method of managing processing resources in a mobile radio system, ~~wherein~~ in which a first entity manages radio resources and corresponding processing resources, the latter being provided in a second entity separate from the first entity, in which method:

~~[[ - ]] the second entity~~ a base station signals to ~~the first entity~~ a radio network controller its ~~global processing capacity, or a capacity credit, and the~~ a capacity consumption law, or quantity of said global processing capacity, or cost, for different spreading factor values giving costs per spreading code,

~~[[ - ]] the first entity~~ radio network controller updates the capacity credit on the basis of the capacity consumption law, and

~~[[ - ]] in the case of multicode transmission using N spreading codes, said updating is effected on the basis of the cost for at least one of the N spreading codes.~~

2. (*Original*) A method according to claim 1, wherein the cost for the N codes corresponds to the sum of the costs for each of the N codes.

3. (*Currently Amended*) A method according to claim 1, wherein the cost for the N codes is determined from the cost codes for one code.

4. (*Original*) A method according to claim 3, wherein the cost for the N codes corresponds to the cost for the minimum spreading factor code.

5. (*Currently Amended*) A mobile radio system ~~comprising for implementing a method according to claim 1, in which system:~~

a base station comprising means for signaling to a radio network controller a capacity credit and a capacity consumption law giving costs per spreading code, and

[[ - ]] a radio network controller comprising means for the first entity includes, in the case of multicode transmission, ~~means using N spreading codes, to effect said updating the capacity credit~~ on the basis of the cost for at least one of the N spreading codes.

6. (*Currently Amended*) A radio network base station controller for a mobile radio system ~~for implementing a method according to claim 1, said base station controller comprising including, in the case of multicode transmission,~~

means for receiving from a base station a capacity credit and a capacity consumption law giving costs per spreading code, and

[[ - ]] means for, in the case of multicode transmission using N spreading codes, to effect said updating the capacity credit on the basis of the cost for at least one of the N spreading codes.

7. (*Currently Amended*) A load control and/or call admission control method ~~for use in a~~ mobile radio system, ~~wherein in which a first entity manages radio resources and corresponding processing resources, the latter being provided in a second entity separate from the first entity, in which method:~~

[[ - ]] ~~a base station the second entity signals to a radio network control the first entity its global processing capacity, or a capacity credit, and the a capacity consumption law, or quantity of said global processing capacity, or cost, as a function of the necessary resources,~~

[[ - ]] ~~the radio network controller first entity updates the capacity credit on the basis of the consumption law, and~~

[[ - ]] ~~if the capacity credit in the uplink and/or downlink direction falls below a given first threshold, any new call is rejected until the capacity credit is again above a given second threshold greater than or equal to the first threshold.~~

8. (*Currently Amended*) A mobile radio system ~~comprising for implementing a method according to claim 7, in which system:~~

a base station comprising means for signaling to a radio network controller a capacity credit and a capacity consumption law,

a radio network controller comprising means for updating the capacity credit on the basis of the capacity consumption law, and

[[ - ]] a radio network control comprising the first entity includes means for rejecting any new call if the uplink and/or downlink capacity credit falls below a given first threshold until the

capacity credit is again above a given second threshold greater than or equal to the first threshold.

9-10. (*Cancelled*).

11. (*Currently Amended*) A ~~base station~~radio network controller ~~comprising for a mobile radio communication system for implementing a method according to claim 7, said base station controller including:~~

means for receiving from a base station a capacity credit and a capacity consumption law,

means for updating the capacity credit on the basis of the capacity consumption law, and

[[ - ]] means for rejecting any new call if the uplink and/or downlink capacity credit falls below a given first threshold until the capacity credit is again above a given second threshold greater than or equal to the first threshold.

12. (*Currently Amended*) A load control and/or call admission control method in a mobile radio system, ~~wherein in which a first entity manages radio resources and corresponding processing resources, the latter being provided in a second entity separate from the first entity, in which method:~~

[[ - ]] ~~a base station~~ the second entity signals to a radio network controller ~~the first entity its global processing capacity, or a capacity credit, and the a capacity consumption law, or quantity of said global processing capacity, or cost, as a function of the resources necessary,~~

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[[ - ]] the radio network controller ~~first entity~~ updates the capacity credit on the basis of the capacity consumption law, and

[[ - ]] an overload control procedure is initiated if the capacity credit falls below a given threshold.

13. (*Currently Amended*) A mobile radio communication system, comprising for  
~~implementing a method according to claim 12, in which system:~~

a base station comprising means for signaling to a radio network controller a capacity credit and a capacity consumption law,

a radio network controller comprising means for updating the capacity credit on the basis of the capacity consumption law, and

[[ - ]] ~~the first entity~~ includes means for initiating an overload control procedure if the capacity credit falls below a given threshold.

14-15. (*Cancelled*).

16. (*Currently Amended*) A ~~base station~~radio network controller ~~comprising for a mobile radio system for implementing a method according to claim 12, said base station controller~~ including:

means for receiving from a base station a capacity credit and a capacity consumption law,

means for updating the capacity credit on the basis of the capacity consumption law, and

[[ - ]] means for initiating an overload control procedure if the capacity credit falls below a given threshold.

17. (*New*) A method of managing processing resources in a mobile radio system, wherein:

a base station signals to a radio network controller a capacity credit and a dedicated channels capacity consumption law giving costs per channelization code, and

when multiple channelization codes are used by either radio links or a physical downlink shared channel, the radio network controller credits to or debits from the capacity credit a cost taken as N times the cost of a code, where N is the number of channelization codes.

18. *(New)* A method of managing processing resources in a mobile radio system,  
wherein:

a base station signals to a radio network controller a capacity credit and a common  
channels capacity consumption law giving costs per channelization code, and

when multiple channelization codes are used by a physical channel, the radio network  
controller credits to or debits from the capacity credit a cost taken as  $N$  times the cost of a code,  
where  $N$  is the number of channelization codes.

19. *(New)* A radio network controller, comprising:

means for receiving from a base station a capacity credit and a dedicated channels  
capacity consumption law giving costs per channelization code, and

means for, when multiple channelization codes are used by either radio links or a  
physical downlink shared channel, crediting to or debiting from the capacity credit a cost taken  
as  $N$  times the cost of a code, where  $N$  is the number of channelization codes.

20. *(New)* A radio network controller, comprising:

means for receiving from a base station a capacity credit and a common channels  
capacity consumption law giving costs per channelization code, and

means for, when multiple channelization codes are used by a physical channel, crediting  
to or debiting from the capacity credit a cost taken as  $N$  times the cost of a code, where  $N$  is the  
number of channelization codes.